

RECORD OF PERFORMANCE QUALIFICATIONS
AST

INSTRUCTIONS

Record of Performance Qualifications shall be completed for enlisted personnel of the Coast Guard and Coast Guard Reserve as outlined in the Enlisted Qualifications Manual (COMDTINST M1414.8, series). As proficiency in each performance qualification is demonstrated, the DATE and INITIALS column shall be completed. Personnel are required to demonstrate proficiency in all new qualifications assigned to their rating. Qualifications previously demonstrated, dated and initialed off will not be recertified.

Prior to commencement of ADT, the member's unit shall indicate, by circling in red, those qualifications which cannot be completed during inactive duty and should be completed on ADT.

RATING

AVIATION SURVIVAL TECHNICIAN – This edition is effective for the Nov 2001
SWE

ABBREVIATION

AST

DATE COMPLETED ALL PERFORMANCE QUALIFICATIONS FOR RATE LEVEL

E-4

E-5

E-6

E-7

E-8

E-9

NAME (Last, First, Middle Initial)

SOCIAL SECURITY NUMBER

SIGNATURE OF SUPERVISOR

[illegible]

REMARKS

RATING: AVIATION SURVIVAL TECHNICIAN (AST)	INIT	DATE
<p><u>PERFORMANCE QUALIFICATION FOR ADVANCEMENT</u></p> <p>Major Duty: A. Administrative Duty</p> <p>Task:</p> <p>4.A.01 PREPARE and DELIVER performance based rate related instruction IAW approved training methods.</p> <p>4.A.02 COMPLETE the following Rescue Swimmer requirements IAW the Helicopter Rescue Swimmer Manual, COMDTINST M3710.4(series) and the Coast Guard Air Operations Manual, COMDTINST M3710.1 (series).</p> <ol style="list-style-type: none"> 1. Physical training. 2. Lifesaving skills. 3. Deployment, recovery and relocation procedures. 4. Rescue swimmer flight operations. <p>5.A.01c QUALIFY in assigned aircraft as a Basic Aircrewmember IAW the Coast Guard Air Operations Manual, COMDTINST M3710.1 (series).</p> <p>5.A.02c ORDER aircraft parts IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series) and local station instructions.</p> <p>5.A.03c AUDIT technical publications and directives IAW the Technical Information, Management and Ordering System (TIMOS) User Process Guide, CGTO PG-85-00-50.</p> <p>5.A.04c SUBMIT aircraft publication change requests IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.2 (series); CG-22 Process Guide, CGTO PG-85-00-20; and local station instructions.</p> <p>5.A.01 QUALIFY as a Helicopter Rescue Swimmer IAW the Helicopter Rescue Swimmer Manual, COMDTINST M3710.4 (series) and the Coast Guard Air Operations Manual, COMDTINST M3710.1 (series).</p> <p>5.A.02 BRIEF passengers in the safe use of aviation personal protective equipment and survival equipment IAW the Aviation Life Support Systems Manual, COMDTINST M13520.1 (series); the Coast Guard Air Operations Manual, COMDTINST M3710.1 (series); and applicable aircraft flight manuals.</p>		
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RATING: AVIATION SURVIVAL TECHNICIAN (AST)	INIT	DATE
<p>5.A.03 INSTRUCT aircrew members in the proper care, handling, and safe use of the following IAW the Coast Guard Air Operations Manual, COMDTINST M3710.1 (series); the Aviation Life Support Systems Manual, COMDTINST M13520.1 (series); the Pyrotechnic Screening, Marking and Countermeasure Devices Manual, NAVAIR 11-15-7; the Aviation Computerized Maintenance System (ACMS); and applicable aircraft flight publications:</p> <ol style="list-style-type: none"> 1. Aviation personal protective equipment IAW COMDTINST M13520.1 (series); COMDTINST M3710.1 (series); and ACMS. 2. Aerial Delivery Systems (ADS) IAW COMDTINST M13520.1 (series) and applicable aircraft flight manuals. 3. Air Drop Rafts (ADR) IAW COMDTINST M13520.1 (series) and applicable aircraft flight manuals. 4. Air Sea Rescue Kit (ASRK) IAW COMDTINST M13520.1 (series) and applicable aircraft flight manuals. 5. Survival equipment IAW COMDTINST M13520.1 (series). 6. Aircrew Life Rafts IAW COMDTINST M13520.1 (series). 7. Aircrew survival vests IAW COMDTINST M13520.1 (series). 8. Aircraft passenger life preservers IAW COMDTINST M13520.1 (series). 9. Rescue equipment IAW COMDTINST M13520.1 (series) and applicable aircraft flight manuals. 10. Aircraft emergency equipment IAW applicable aircraft flight manuals. 11. Aviation pyrotechnics IAW COMDTINST M13520.1 (series) and NAVAIR 11-15-7. <p>5.A.04 INSTRUCT aircrew members in the proper procedures for aircraft emergency egress and survival IAW the Coast Guard Air Operations Manual, COMDTINST M3710.1 (series) and applicable aircraft flight manuals.</p> <p>6.A.01c REVIEW discrepancy information from aircraft records and DETERMINE appropriate action IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series) and local Station instructions.</p> <p>6.A.02c PROCURE parts, tools, and other materials IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series) and the Small Purchase Handbook, COMDTINST M4200.13 (series).</p>		
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RATING: AVIATION SURVIVAL TECHNICIAN (AST)		INIT	DATE
6.A.03c	PREPARE shop and aircrew training schedules IAW the Air Operations Manual, COMDTINST M3710.1 (series) and the Training and Educational Manual, COMDTINST M1550.1 (series).		
6.A.04c	DIRECT personnel in the safe handling and disposal of hazardous material IAW the Aeronautical Engineering Maintenance Management Manual, M13020.1 (series); the Safety and Environmental Health Manual, M5100.47 (series); applicable Material Safety Data Sheets (MSDS); and state and local regulations.		
6.A.05c	ANALYZE Aviation Computerized Maintenance System (ACMS) component history data to identify trends and problem areas IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series)		
6.A.06c	ORDER technical publications, directives, and manuals applicable to rating IAW the Aeronautical Engineering Maintenance Management Manual, M13020.1 (series); the Directives, Publications, and Reports Index, COMDNOTE 5600; and the Technical Information, Management Ordering System (TIMOS) User Process Guide, CGTO PG-85-00-50.		
6.A.01	DESCRIBE the procedures to prevent deterioration of pyrotechnics IAW the Pyrotechnic Screening, Marking and Countermeasure Devices Manual, NAVAIR 11-15-7.		
6.A.02	ORGANIZE and IMPLEMENT local Rescue Swimmer training program IAW the Helicopter Rescue Swimmer Manual, COMDTINST M3710.4 (series).		
6.A.03	PREPARE pyrotechnic requisitions IAW the Supply and Management of Ammunition Manual, COMDTINST M8010.12 (series) and District OPLAN.		
6.A.04	PREPARE ammunition transaction reports IAW the Supply and Management of Ammunition Manual, COMDTINST M8010.12 (series) and District OPLAN.		
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7.A.01c	ESTABLISH local safety procedures and standards for unit Aviation Engineering Department IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series) and the Safety and Environmental Health Manual, COMDTINST M5100.47 (series).		
7.A.02c	MANAGE rate-related Aviation Computerized Maintenance IAW the ACMS User's Guide, CGTO PG 85-00-10 and the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series).		
7.A.03c	PREPARE aircraft reports IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series).		
7.A.04c	REVIEW completed maintenance forms for compliance with the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series).		
7.A.05c	DESCRIBE the procedures for preparing a Unit Training Plan IAW the Training and Educational Manual, COMDTINST M1500.1 (series) and the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series).		
7.A.06c	MANAGE shop inventory processes IAW applicable publications.		
7.A.07c	PROCESS aircraft for receipt and transfer IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series) and the Coast Guard Air Operations Manual, COMDTINST M3710.1 (series).		
7.A.01	MANAGE unit Rescue Swimmer training program IAW the Coast Guard Air Operations Manual, COMDTINST M3710.1 (series) and the Helicopter Rescue Swimmer Manual, COMDTINST M3710.4 (series).		
7.A.02	MANAGE unit Rescue Swimmer flight requirements IAW the Coast Guard Air Operations Manual, COMDTINST M3710.1 (series) and the Helicopter Rescue Swimmer Manual, COMDTINST M3710.4 (series).		
8.A.01c	REVIEW applicable rating qualification codes and SUBMIT written recommendations to the AST Force Manager (G-SRF) IAW the Coast Guard Qualification Codes Manual, COMDTINST M1414.9 (series).		
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RATING: AVIATION SURVIVAL TECHNICIAN (AST)		INIT	DATE
8.A.02c	REVIEW unit aircrew flight requirements IAW the Coast Guard Air Operations Manual, COMDTINST M3710.1 (series) and the Coast Guard Pay Manual, COMDTINST M7220.29 (series).		
8.A.03c	REVIEW unit personnel qualification codes and UPDATE the Personnel Management Information System (PMIS) data base IAW the Qualifications Codes Manual, COMDTINST M1414.9 (series).		
8.A.04c	MANAGE unit Aviation Engineering personnel duty assignments IAW station instructions and standing orders.		
8.A.05c	MANAGE unit Aviation Enlisted Assignment Process IAW the Personnel Manual, COMDTINST M1000.6 (series).		
8.A.06c	PREPARE budget requests IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series) and station instructions.		
8.A.07c	REVIEW unit Personnel Allowance List (PAL) to ensure it reflects unit staffing needs IAW the Enlisted Qualifications Code Manual, COMDTINST M1414.9 (series) and the Coast Guard Staffing Standards Manual, COMDTINST M5312.11 (series).		
9.A.01c	REVIEW rate-related performance qualifications and SUBMIT written recommendations to the AST Force Manager (G-SRF) IAW the Enlisted Qualifications Manual, COMDTINST M1414.8 (series).		
Major Duty: B. Aircraft Maintenance			
Task:			
4.B.01	INSPECT aircraft safety belts, shoulder harnesses, and inertia reels IAW the Aviation Computerized Maintenance System (ACMS).		
4.B.02	ANALYZE aircraft oxygen systems to the component level IAW applicable aircraft publications.		
4.B.03	SAFETY WIRE and SHEARWIRE aircraft equipment IAW the Aircraft Electric and Electronic Wiring Manual, NAVAIR 01-1A-505 (series) and the Aircraft and Missile Structural Hardware Manual, T.O. 1-1A-8.		
5.B.01c	COMPLETE special inspections of aircraft and aviation equipment IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series) and the Aviation Computerized Maintenance System (ACMS).		
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RATING: AVIATION SURVIVAL TECHNICIAN (AST)		INIT	DATE
5.B.02c	COMPLETE authorized modifications of aircraft and aviation equipment IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series) and the Aviation Computerized Maintenance System (ACMS).		
5.B.01	SERVICE aircraft oxygen systems IAW the Aviation Computerized Maintenance System (ACMS) and applicable aircraft publications.		
5.B.02	TROUBLESHOOT aircraft oxygen systems discrepancies to the component level IAW the Aviation Computerized Maintenance System (ACMS) and applicable aircraft publications.		
5.B.03	INSTRUCT personnel in the safe handling and storage of cartridges and cartridge activated devices IAW the Use of Cartridge Activated Devices Manual NAVAIR 11-100-1 (series) and the Aviation Computerized Maintenance System (ACMS).		
6.B.01c	DIRECT line crew operations IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series); the Aviation Computerized Maintenance System (ACMS); and local station instructions.		
6.B.02c	DIRECT the repair of aircraft systems IAW the Aviation Computerized Maintenance System (ACMS); the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series); and applicable aircraft publications.		
Major Duty: C. General Aviation			
Task:			
7.C.01c	REVIEW the unit aircraft salvage plan IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series); the Shipboard-Helicopter Operational Procedures Manual, COMDTINST M3710.2 (series); applicable aircraft manuals; and local station instructions.		
7.C.02c	DIRECT Quality Assurance (QA) inspections IAW the Aviation Computerized Maintenance System (ACMS);); the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series); and local station instructions.		
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<p>7.C.03c PREPARE the following types of local maintenance instructions IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series):</p> <ol style="list-style-type: none"> 1. Continuing Action Maintenance Instruction (CAMI). 2. Single Action Maintenance Instruction (SAMI). 3. Technical Information Maintenance Instruction (TIMI). <p>Major Duty: D. Shop Maintenance</p> <p>Task:</p> <p>4.D.01 INSPECT aviation rescue equipment IAW the Aviation Computerized Maintenance System (ACMS) and the Aviation Life Support Manual, COMDTINST M13520.1 (series).</p> <p>4.D.02 INSPECT aerial delivery survival equipment kits IAW the Aviation Computerized Maintenance System (ACMS) and the Aviation Life Support Manual, COMDTINST M13520.1 (series).</p> <p>4.D.03 INSPECT all personal issue protective flight equipment IAW the Aviation Computerized Maintenance System (ACMS) and the Aviation Life Support Manual, COMDTINST M13520.1 (series).</p> <p>4.D.04 REPAIR all personal issue protective flight equipment IAW the Aviation Computerized Maintenance System (ACMS) and the Aviation Life Support Manual, COMDTINST M13520.1 (series).</p> <p>4.D.05 INSPECT inflatable life rafts IAW the Aviation Computerized Maintenance System (ACMS) and the Aviation Life Support Manual, COMDTINST M13520.1 (series).</p> <p>4.D.06 INSPECT inflatable life preservers IAW the Aviation Computerized Maintenance System (ACMS) and the Aviation Life Support Manual, COMDTINST M13520.1 (series).</p> <p>4.D.07 INSPECT 12 and 28 foot Aerial Delivery Systems (ADS) IAW the Aviation Computerized Maintenance System (ACMS).</p> <p>4.D.08 HANDLE pyrotechnics IAW the Pyrotechnic Screening, Marking and Countermeasure Devices Manual, NAVAIR 11-15-7; the Supply and Management of Ammunition Manual, COMDTINST M8010.12 (series); and NAVSEA OP-5, Volume 1.</p>		
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4.D.09	HANDLE cartridge-activated devices IAW the Use of Cartridge Activated Devices Manual, NAVAIR 11-100-1 (series); the Supply And Management of Ammunition Manual, COMDTINST M8010.12 (series); and NAVSEA OP-5, Volume 1.		
4.D.10	INSPECT and MAINTAIN personal issue Rescue Swimmer ensembles IAW the Aviation Computerized Maintenance System (ACMS), and the Aviation Life Support Systems Manual, COMDTINST M13520.1 (series).		
4.D.11	INSPECT aircraft oxygen mask IAW the Aviation Computerized Maintenance System (ACMS), and the Aviation Life Support Systems Manual, COMDTINST M13520.1 (series).		
4.D.12	INSPECT emergency gaseous oxygen bottles IAW the Aviation Computerized Maintenance System (ACMS), and the Aviation Life Support Systems Manual, COMDTINST M13520.1 (series).		
4.D.13	INSPECT magazines, ready service lockers and storage facilities IAW NAVSEA OP-5, Volume 1.		
4.D.14	ADJUST the timing on medium-duty industrial sewing machines IAW the applicable sewing machine service manual or the Sewing Machine Manual, AFTO 34Y7-1-101.		
4.D.15	OPERATE medium and heavy-duty industrial sewing machines IAW the applicable sewing machine service manual or the Sewing Machine Manual, AFTO 34Y7-1-101.		
4.D.16	LUBRICATE medium and heavy-duty industrial sewing machines IAW the applicable sewing machine service manual or the Sewing Machine Manual, AFTO 34Y7-1-101.		
5.D.01	INSTRUCT personnel in shop safety procedures IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series); the Safety and Environmental Health Manual, COMDTINST M5100.47 (series); and the Aviation Life Support Systems Manual, COMDTINST M13520.1 (series).		
5.D.02	REPAIR aviation rescue equipment IAW the Aviation Computerized Maintenance System (ACMS) and the Aviation Life Support Systems Manual, COMDTINST M13520.1 (series).		
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5.D.03	REPAIR 12 and 28 foot Aerial Delivery Systems (ADS) IAW the Aviation Computerized Maintenance System (ACMS) and the Aviation Life Support Systems Manual, COMDTINST M13520.1 (series).		
5.D.04	BUILD UP 12 and 28 foot Aerial Delivery Systems (ADS) IAW the Aviation Computerized Maintenance System (ACMS).		
5.D.05	BUILD UP air deliverable salvage pumps IAW the Aviation Computerized Maintenance System (ACMS).		
5.D.06	REPAIR air deliverable salvage pumps IAW the Aviation Computerized Maintenance System (ACMS) and the applicable Manufacturer's publications.		
5.D.07	BUILD UP Air Drop Rafts (ADR) IAW the Aviation Computerized Maintenance System (ACMS).		
5.D.08	BUILD UP Air Sea Rescue Kits (ASRK) IAW the Aviation Computerized Maintenance System (ACMS).		
5.D.09	BUILD UP Aircrew Survival Vests IAW the Aviation Computerized Maintenance System (ACMS).		
5.D.10	FIT aircrew members with all applicable personal protective flight equipment IAW the Aviation Life Support Systems Manual, COMDTINST M13520.1 (series) and the Aviation Computerized Maintenance System (ACMS).		
5.D.11	INSPECT helicopter flotation bags IAW the Aviation Computerized Maintenance System (ACMS).		
5.D.12	REPAIR aircraft oxygen mask IAW the Aviation Computerized Maintenance System (ACMS), and the Aviation Life Support Systems Manual, COMDTINST M13520.1 (series).		
5.D.13	INSPECT and MAINTAIN Coast Guard Emergency Medical Technician (EMT) equipment IAW the Coast Guard Rescue and Survival Systems Manual, COMDTINST M10470.10 (series).		
5.D.14	DESIGN and FABRICATE special bags and covers IAW the Aviation Life Support Manual, COMDTINST M13520.1 (series).		
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5.D.15	REPAIR inflatable life rafts IAW the Aviation Computerized Maintenance System (ACMS) and the Aviation Life Support Manual, COMDTINST M13520.1 (series).		
5.D.16	INSPECT inflatable life preservers IAW the Aviation Computerized Maintenance System (ACMS) and the Aviation Life Support Manual, COMDTINST M13520.1 (series).		
5.D.17	STORE pyrotechnics IAW the Supply and Management of Ammunition Manual, COMDTINST M8010.12 (series) and NAVSEA OP-5, Volume 1.		
5.D.18	STORE cartridge-activated devices IAW the Supply and Management of Ammunition Manual, COMDTINST M8010.12 (series) and NAVSEA OP-5, Volume 1.		
6.D.01c	DIRECT shop maintenance IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series).		
6.D.02c	INSTRUCT personnel in the proper disposition of defective aircraft components IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series).		
6.D.03c	INSPECT work areas, tools and aviation equipment for safety compliance IAW the Aeronautical Engineering Maintenance Management Manual, COMDTINST M13020.1 (series) and the Safety and Environmental Health Manual, COMDTINST M5100.47 (series).		
6.D.01	DIRECT the security, storage, and handling of ordinance equipment IAW the Supply and Management of Ammunition Manual, COMDTINST M8010.12 (series) and the Coast Guard Security Manual, COMDTINST M5500.11 (series).		
7.D.01	SUPERVISE the shipment and disposal of pyrotechnics IAW the Supply and Management of Ammunition Manual, COMDTINST M8010.12 (series) and applicable District OPLAN.		
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TERMINOLOGY

ANALYZE: To separate into fundamental parts or basic principles so as to determine the nature of the whole.

TROUBLESHOOT: The process of diagnosing, locating and repairing faults in equipment by means of systematic checking or analysis.

APPLICABLE PUBLICATIONS: The appropriate aircraft system, component or general aviation instruction.

AUDIT: An official examination of publications and directives.

FABRICATE/BUILD UP: To construct by combining or assembling.

HANDLE: To direct, execute or dispose of.

REVIEW: To examine for the purpose of correcting possible errors.

FIT: To conform correctly to the shape or size.

END